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| TRANSMITTAL LETTER TO THE UNITED STATES<br>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br>CONCERNING A FILING UNDER 35 U.S.C. 371  |   | Attorney Docket No.<br><b>8007-1078</b><br>U.S. Application No.<br><b>107518026</b> |
| INTERNATIONAL APPLN. NO.<br><b>PCT/JP03/07740</b>   | INTERNATIONAL FILING DATE<br><b>June 18, 2003</b> | PRIORITY DATE CLAIMED<br><b>June 19, 2002</b>                                       |
| TITLE OF INVENTION: POLYMER ELECTROLYTE MEMBRANE AND PROCESS OF PRODUCING THE SAME  |   |   |
| APPLICANT(S) FOR DO/EO/US: Masayuki KINOUCHI, Tetsuji HIRANO and Nobuharu HISANO  |   |   |
| Applicant herewith submits to the United States Designated Elected Office (DO/EO/US) the following items and other information:   |   |   |
| <ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)).<br/>The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2))             <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). <b>Front Page Only</b></li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. See attached PCT/IB/308.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2))             <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made, however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).</li> <li>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)</li> <li>10. <input type="checkbox"/> A Declaration of Inventorship for purposes of U.S.A. designation pursuant to rule 4.17(iv). ))</li> <li>11. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> <p><b>Items 11 to 20 below concern document(s) or information included:</b></p> <ol style="list-style-type: none"> <li>12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS) w/PTO-1449 - <input checked="" type="checkbox"/> Copy of IDS citations.</li> <li>13. <input checked="" type="checkbox"/> Assignment Papers (cover sheet &amp; document(s)).</li> <li>14. <input type="checkbox"/> A preliminary amendment.</li> <li>15. <input checked="" type="checkbox"/> An Application Data Sheet under 37 C.F.R. 1.76.</li> <li>16. <input checked="" type="checkbox"/> Itemized Return Receipt Postcard</li> <li>17. <input type="checkbox"/> A substitute specification.</li> <li>18. <input type="checkbox"/> Power of Attorney and Statement under 37 CFR §3.73(b)             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> Newly executed Power of Attorney</li> <li>b. <input type="checkbox"/> A change of Power of Attorney and/or change of address letter.</li> </ol> </li> <li>19. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.</li> <li>20. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li>21. <input type="checkbox"/> A second copy of the English language translation of the international application (35 U.S.C. 154(d)(4)).</li> <li>22. <input checked="" type="checkbox"/> Other items or information: <u>International Search Report (PCT/ISA/210), Abstract of the Disclosure</u></li> </ol> |   |   |

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| U.S. APPLICATION NO.<br><b>10/518026</b>  |                 | INTERNATIONAL APPLN. NO.<br>PCT/JP03/07740             |                          | ATTORNEY DOCKET NO.<br>8007-1078         |   |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.<br><input checked="" type="checkbox"/> The following fees are submitted:  |                 |  |                          |  |   |
| <b>PCT FEES - NATIONAL STAGE</b>  |                 |  |                          |  |   |
| <b>Large Entity</b>   |                 | <b>Small Entity</b>                                    |                          | <b>Fee Description</b>                   |   |
| <b>Fee Code</b>   | <b>Fee (\$)</b> | <b>Fee Code</b>  | <b>Fee (\$)</b>          |  |   |
| 1631  | 300.00          | 2631   | 150.00                   | Basic National Stage Fee                 |   |
| 1632  | 500.00          | 2632   | 250.00                   | National Stage Search Fee                |   |
| 1633  | 200.00          | 2633   | 100.00                   | National Stage Examination Fee           |   |
| Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20- <input type="checkbox"/> 30 months from the earliest claimed priority date (Fee Code 1617/2617) <span style="float: right;">\$0.00</span>  |                 |  |                          |  |   |
| <b>SIZE FEE</b><br>Plant size fee each additional 50 sheets in excess of 100<br>Fee Code 1681/2681  |                 | <b>Additional Sheets</b><br>- 100 = _____ = _____ X 50 |                          | <b>Fee From Below</b><br><u>\$250.00</u> | <span style="float: right;">\$0.00</span>   |
| <b>CLAIMS</b><br>Independent Claims Fee Codes 1614 / 2614   |                 | <b>NUMBER FILED</b><br>4 - 3 =                         | <b>NUMBER EXTRA</b><br>1 | <b>RATE</b><br>x \$200.00                | <span style="float: right;">\$200.00</span> |
| Total Claims Fee Codes 1615 / 2615  |                 | 22 - 20 =  | 2                        | x \$50.00                                | <span style="float: right;">\$100.00</span> |
| <b>MULTIPLE DEPENDENT CLAIM(S) (if applicable) Fee Code 1616 / 2616</b>   |                 |  |                          | + \$360.00                               | <span style="float: right;">\$0.00</span>   |
| Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).Fee Code 1618 <span style="float: right;">\$0.00</span>   |                 |  |                          |  |   |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). (Fee code 8021)<br>\$40.00 per property <span style="float: right;">+ \$40.00</span>  |                 |  |                          |  |   |
| <b>TOTAL FEES ENCLOSED</b> = <span style="float: right;"><b>\$1,340.00</b></span>   |                 |  |                          |  |   |
| <b>Amount to be refunded:</b> <span style="float: right;">\$</span><br><b>Charged:</b> <span style="float: right;">\$</span>  |                 |  |                          |  |   |
| <input checked="" type="checkbox"/> A check in the amount of <b>\$1,340.00</b> to cover the above fees is attached.<br><input type="checkbox"/> The Director is hereby authorized to charge indicated fees and credit any overpayment to Deposit Account No. 25-0120 in the name of Young & Thompson. A duplicate copy of this sheet is enclosed.<br><input checked="" type="checkbox"/> The Director is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 25-0120 for any additional fee required under 37 C.F.R. §§ 1.16 or 1.17. |                 |  |                          |  |   |
| <b>SEND ALL CORRESPONDENCE TO:</b><br><b>YOUNG &amp; THOMPSON</b><br>745 South 23 <sup>rd</sup> Street<br>Arlington, VA 22202<br>Telephone: (703) 521-2297<br>Facsimile: (703) 685-0573   |                 |  |                          |  |   |
| <br><b>SIGNATURE</b>  |                 |  |                          |  |   |
| Benoit Castel, Reg. No. 35,041<br><b>NAME, REGISTRATION NUMBER</b>  |                 |  |                          |  |   |
| <b>Y&amp;T Customer No. 00466</b><br><b>BC/ia</b>   |                 |  |                          |  |   |
| <b>December 15, 2004</b><br><b>DATE</b>   |                 |  |                          |  |   |

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